

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/000354

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B32B9/00 B32B27/18 B01J35/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B32B B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 07, 3 July 2003 (2003-07-03) & JP 2003 071967 A (TAKIRON CO LTD), 12 March 2003 (2003-03-12) abstract; compound PLEASE SEE ALSO THE DISCLOSURE OF DERWENT ABSTRACT	1, 2, 4-6, 8-15, 17-22, 24, 25
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 05, 12 May 2003 (2003-05-12) & JP 2003 019764 A (ACHILLES CORP; MISAWA CERAMICS CORP; MISAWA HOMES CO LTD), 21 January 2003 (2003-01-21) abstract	1, 2, 4-6, 8-15, 17-22, 24, 25
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

13 June 2005

Date of mailing of the international search report

21/06/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 10, 10 October 2002 (2002-10-10) & JP 2002 178459 A (NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL & TECHNOLOGY; TOUGEDA HIROSH), 26 June 2002 (2002-06-26) abstract	1,2,4-6, 8-15, 17-22, 24,25
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04, 2 April 2003 (2003-04-02) & JP 2002 371479 A (KURARAY CO LTD), 26 December 2002 (2002-12-26) abstract	1,2,4-6, 8-15, 17-22, 24,25
X	DATABASE WPI Section Ch, Week 200276 Derwent Publications Ltd., London, GB; Class D22, AN 2002-700542 XP002283098 & JP 2002 178459 A (null) 26 June 2002 (2002-06-26) abstract	1,2,4-6, 8-15, 17-22, 24,25
X	DATABASE WPI Section Ch, Week 200365 Derwent Publications Ltd., London, GB; Class A97, AN 2003-682980 XP002283099 & JP 2003 071967 A (TAKIRON KK) 12 March 2003 (2003-03-12) abstract	1,2,4-6, 8-15, 17-22, 24,25
X	DATABASE WPI Section Ch, Week 200330 Derwent Publications Ltd., London, GB; Class D22, AN 2003-305277 XP002283101 & JP 2003 019764 A (null) 21 January 2003 (2003-01-21) abstract	1,2,4-6, 8-15, 17-22, 24,25
A	WO 98/52871 A (KYORASHA CO., LTD; MORI, TAKEFUMI) 26 November 1998 (1998-11-26) abstract	1,2, 30-44
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04, 30 April 1999 (1999-04-30) & JP 11 020067 A (TOTO LTD), 26 January 1999 (1999-01-26) abstract	1,2,30
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International Application No  
PCT/EP2005/000354

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Section Ch, Week 200063 Derwent Publications Ltd., London, GB; Class J04, AN 2000-650450 XP002330851 &amp; JP 2000 262905 A (INAX KK) 26 September 2000 (2000-09-26) abstract</p>	30-44
A	<p>DATABASE WPI Section Ch, Week 199941 Derwent Publications Ltd., London, GB; Class D22, AN 1999-487016 XP002330852 &amp; JP 11 207189 A (LINTEC CORP) 3 August 1999 (1999-08-03) abstract</p>	30-44
X	<p>WO 02/085989 A (NANOPAC LTD; LEE, TAI-KYU; YOON, YOUNG-JIN; YOON, WOO-SUG) 31 October 2002 (2002-10-31) abstract</p>	30

# INTERNATIONAL SEARCH REPORT

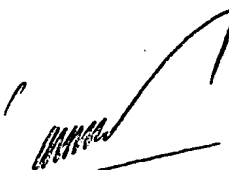
information on patent family members

International Application No

PCT/EP2005/000354

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2003071967	A	12-03-2003	NONE	
JP 2003019764	A	21-01-2003	NONE	
JP 2002178459	A	26-06-2002	NONE	
JP 2002371479	A	26-12-2002	NONE	
JP 2002178459	A	26-06-2002	NONE	
JP 2003071967	A	12-03-2003	NONE	
JP 2003019764	A	21-01-2003	NONE	
WO 9852871	A	26-11-1998	CN 1257461 A EP 1016629 A1 WO 9852871 A1 TW 472028 B US 6376023 B1	21-06-2000 05-07-2000 26-11-1998 11-01-2002 23-04-2002
JP 11020067	A	26-01-1999	JP 3075261 B2	14-08-2000
JP 2000262905	A	26-09-2000	NONE	
JP 11207189	A	03-08-1999	NONE	
WO 02085989	A	31-10-2002	CN 1513040 A WO 02085989 A1 KR 2002083455 A	14-07-2004 31-10-2002 02-11-2002

VIII-4-1	<p><b>Declaration: Inventorship (only for the purposes of the designation of the United States of America)</b>  Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications", by application number, country or Member of the World Trade Organization, day, month, and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
VIII-4-1-1	Prior applications:	04447013.6, EP, 16 January 2004 (16.01.2004)

		<p>I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>
VIII-4-1-1-1	Name (LAST, First)	DE CLERCK, Jan
VIII-4-1-1-2	Residence: (city and either US State, if applicable, or country)	Waasmunster, Belgium
VIII-4-1-1-3	Mailing address:	Baverikstraat 27 B-9250 Waasmunster Belgium Waasmunster Belgium
4-1-VIII-1-4	Citizenship:	BE
VIII-4-1-1-5	Inventor's Signature: (If not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-1-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	06 APR. 2005